

AMENDMENT TO THE CLAIMS:

The following claim set replaces all prior versions, and listings, of claims in the application:

1. (Currently Amended) A substrate having a hydrophobic surface coating comprised of a silicon oxide anchor layer, ~~and a hydrophobic layer~~ and a cross-linking layer which is interposed between the anchor layer and the hydrophobic layer, wherein the hydrophobic layer which covers the cross-link layer and which consists essentially of the humidified simultaneous vapor deposited reaction product of methyltrichlorosilane (MTCS) and dimethyldichlorosilane (DMDCS), and wherein the cross-linking layer consists essentially of the humidified vapor-deposited reaction product of MTCS.

2. (Cancelled)

3. (Currently Amended) The substrate of claim 1 ~~or 2~~, further comprising a capping layer which covers the hydrophobic layer and which consists essentially of the humidified vapor deposited reaction product of trimethylchlorosilane (TMCS).

4. (Currently Amended) The substrate of ~~claim 2~~ claim 1, wherein the humidified vapor-deposited reaction product of MTCS of the cross-linking layer consists essentially of polymethylsilsesquioxane (PMSO), and wherein the humidified simultaneous vapor deposited reaction product of MTCS and DMDCS of the hydrophobic layer is cross-linked polydimethylsiloxane (PMDSO).

5. (Original) The substrate of claim 1, wherein the anchor layer exhibits a haze value of less than about 3.0%.

6. (Original) The substrate of claim 5, wherein the anchor layer exhibits a haze value of less than about 2.0%.

7. (Original) The substrate of claim 6, wherein the anchor layer exhibits a haze value of less than about 1.5%.

8. (Currently Amended) The substrate of ~~claim 2~~ claim 1, wherein the volume ratio of MTCS to DMDCS in the hydrophobic layer is between about 0.15 : 1 to about 1.75 : 1.

9. (Original) The substrate of claim 8, wherein the volume ratio of MTCS to DMDCS in the hydrophobic layer is between about 0.75 : 1 to about 1.25 : 1.

10. (Currently Amended) A process for forming a hydrophobic coating on a glass substrate comprising the steps of:

- (a) forming an anchor layer by contacting a surface of the substrate to be coated with a silicon tetrachloride vapor for a time sufficient to form a silicon oxide layer on the glass surface; ~~and then~~
- (b) forming a hydrophobic layer over the silicon oxide layer by the simultaneous vapor deposition ~~simultaneously contacting the silicon oxide layer with vapors~~ of methyltrichlorosilane (MTCS) and dimethyldichlorosilane (DMDCS) for a time sufficient to form a cross-linked layer of polydimethylsiloxane (PDMSO)_x and
- (c) interposing a cross-linking layer between the anchor layer and the hydrophobic layer by the humidified vapor deposition of MTCS.

11. (Original) The process of claim 10, wherein the volume ratio of MTCS to DMDCS is between about 0.15 : 1 to about 1.75 : 1.

12. (Original) The process of claim 11, wherein the volume ratio of MTCS to DMDCS is between about 0.75 : 1 to about 1.25 : 1.

13. (Cancelled)

14. (Currently Amended) The process of claim 10, which further comprising the step of vapor depositing a ~~fluoroalkylsilane~~ chloroalkylsilane capping layer over the hydrophobic layer.

15. (Currently Amended) The process of claim 14, wherein the chloroalkylsilane ~~fluoroalkylsilane~~ capping layer consists essentially of trimethylchlorosilane (TMCS).

16. (Currently Amended) A coated glass substrate made by the process of ~~any one of claims 10-15~~ claim 10, 11, 12, 14 or 15.